


```
GGGGGGGG  BBBB8888  LL      DDDDDDDD  CCCCCCCC  LL
GGGGGGGG  BBBB8888  LL      DDDDDDDD  CCCCCCCC  LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GG      GG  BB      BB  LL      DD      DD  CC      LL
GGGGGG  BBBB8888  LLLLLLLLLL  DDDDDDDD  CCCCCCCC  LLLLLLLLLL
GGGGGG  BBBB8888  LLLLLLLLLL  DDDDDDDD  CCCCCCCC  LLLLLLLLLL
                                     ....
                                     ....
                                     ....
                                     ....
```

```
LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS
```

```
0001 0 %TITLE 'GBLDCL - global data declarations'
0002 0 !<BLF/NOFORMAT>
0003 0
0004 0 MODULE gbl dcl (IDENT = 'V04-000'
0005 0 %BLISS32[, ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE, NONEXTERNAL = LONG_RELATIVE)]
0006 0 ) =
0007 1 BEGIN
0008 1
0009 1 !<BLF/FORMAT>
0010 1 !<BLF/LOWERCASE_USER>
0011 1 !<BLF/UPPERCASE_KEY>
0012 1 !<BLF/MACRO>
0013 1
0014 1
0015 1 *****
0016 1 *
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0034 1 *
0035 1 *
0036 1 *****
0037 1
0038 1
0039 1 ++
0040 1 FACILITY:
0041 1 DSR (Digital Standard RUNOFF) /DSRPLUS DSRTOC/CONTENTS Utility
0042 1
0043 1 ABSTRACT:
0044 1 Global data declarations
0045 1
0046 1 ENVIRONMENT: Transportable
0047 1
0048 1 AUTHOR: JPK
0049 1
0050 1 CREATION DATE: March 1982
0051 1
0052 1 MODIFIED BY:
0053 1
0054 1 003 JPK00007 14-Feb-1983
0055 1 Global edit of all sources for CONTENTS/DSRTOC:
0056 1 - module names are now consistant with file names
0057 1 - copyright dates have been updated
```



```
58 0058 1 | - facility names have been updated
59 0059 1 | - revision history was updated to be consistant with DSR/DSRPLUS
60 0060 1 |
61 0061 1 | 002 JPK00004 11-Feb-1983
62 0062 1 | Changed the global variable name INDENT to LINE_INDENT in
63 0063 1 | modules CONTENTS, CAPTION, FORMAT and GBLDCL.
64 0064 1 | Removed declarations of PDENTS in modules CNTVMS, CONTENTS,
65 0065 1 | and CAPTION and replaced with a module wide BIND using the
66 0066 1 | new name INDENTS.
67 0067 1 | Changed handling of INDENTS [1]. It no longer represents the
68 0068 1 | sum of the chapter and title indents.
69 0069 1 |
70 0070 1 | --
71 0071 1 |
72 0072 1 |
73 0073 1 | INCLUDE FILES:
74 0074 1 |
75 0075 1 |
76 0076 1 | LIBRARY 'NXPORT:XPORT';
77 0077 1 |
78 0078 1 | REQUIRE 'REQ:PAGEN'; ! Page reference format
79 0159 1 |
80 0160 1 | REQUIRE 'REQ:CNTCLI'; ! Command line information block formats
81 0288 1 |
82 0289 1 |
83 0290 1 | MACROS:
84 0291 1 |
85 0292 1 |
86 0293 1 | EQUATED SYMBOLS:
87 0294 1 |
88 0295 1 |
89 0296 1 | GLOBAL STORAGE:
90 0297 1 |
91 0298 1 |
92 0299 1 | GLOBAL
93 0300 1 | cmdblk : $contents_cmd, ! Command line information block
94 0301 1 | tocoob : $xpo_iob (), ! IOB for the resulting .RNT file
95 0302 1 | stciob : $xpo_iob (), ! IOB for send toc temp file
96 0303 1 | chout, ! Number of characters written to output file
97 0304 1 | tmpstr : $str_descriptor (class = dynamic, string = (0, 0)), ! For temporary strings
98 0305 1 | txtlen, ! Length of input text.
99 0306 1 | hl_n, ! "n" from latest .HL n command
100 0307 1 | hl_list : VECTOR [100], ! Header level counters
101 0308 1 | hldsp : VECTOR [100], ! Header level display characteristics
102 0309 1 | major, ! Major record type code
103 0310 1 | minor, ! Minor record type code
104 0311 1 | pagen : page_definition, ! Current page number.
105 0312 1 | nextstc, ! Next SEND TOC "n" value to process
106 0313 1 | rno_ex : $str_descriptor (string = 'EXAMPLES'), ! String constant
107 0314 1 | rno_fg : $str_descriptor (string = 'FIGURES'), ! String constant
108 0315 1 | rno_tb : $str_descriptor (string = 'TABLES'), ! String constant
109 0316 1 | tms_ex : $str_descriptor (string = 'Examples'), ! String constant
110 0317 1 | tms_fg : $str_descriptor (string = 'Figures'), ! String constant
111 0318 1 | tms_tb : $str_descriptor (string = 'Tables'), ! String constant
112 0319 1 | prestr : $str_descriptor (class = dynamic, string = (0, 0)), ! Caption prefix
113 0320 1 | sfxstr : $str_descriptor (class = dynamic, string = (0, 0)), ! Caption suffix
114 0321 1 | lp, ! CHSPTR along line being built up
```

```

: 115      0322 1      intlin,
: 116      0323 1      extlin,
: 117      0324 1      line : VECTOR [CH$ALLOCATION (10000)],
: 118      0325 1      lenpag,
: 119      0326 1      txtpag : VECTOR [CH$ALLOCATION (50)],
: 120      0327 1      ptrpag,
: 121      0328 1      lensct,
: 122      0329 1      txtsct : VECTOR [CH$ALLOCATION (150)],
: 123      0330 1      ptrsct,
: 124      0331 1      rmargin,
: 125      0332 1      wrap,
: 126      0333 1      line_indent;
: 127      0334 1
: 128      0335 1      END
: 129      0336 0      ELUDOM
```

Number of characters needed to represent text
Number of resulting print positions
Buffer in which line is being built up.
Number of characters in the converted page number.
The text (lots of room)
A CH\$PTR (working pointer)
Number of characters in the converted section number
The text (lots of room)
A CH\$PTR (working pointer)
Used by ENDWRD for controlling filling lines.
Wrap long lines around to here.
Assume this standard indentation before the text.

! End of module

.TITLE GBLDCL GBLDCL - global data declarations
.IDENT \V04-000\

.PSECT \$SPLITS\$,NOWRT,NOEXE,2

| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|-------|--------|--------|------------|
| 53 | 45 | 4C | 50 | 4D | 41 | 58 | 45 | 00000 | P.AAA: | .ASCII | \EXAMPLES\ |
| | 53 | 45 | 52 | 55 | 47 | 49 | 46 | 00008 | P.AAB: | .ASCII | \FIGURES\ |
| | | 53 | 45 | 4C | 42 | 41 | 54 | 0000F | P.AAC: | .ASCII | \TABLES\ |
| 73 | 65 | 6C | 70 | 6D | 61 | 78 | 45 | 00015 | P.AAD: | .ASCII | \Examples\ |
| | 73 | 65 | 72 | 75 | 67 | 69 | 46 | 0C01D | P.AAE: | .ASCII | \Figures\ |
| | | 73 | 65 | 6C | 62 | 61 | 54 | 00024 | P.AAF: | .ASCII | \Tables\ |

.PSECT \$GLOBALS\$,NOEXE,2

| | | | | | | | |
|--|----------|------|--|-------|----------|----------|-------|
| | | | | 00000 | CMDBLK:: | .BLKB | 92 |
| | | | | 0005C | TOCOOB:: | .BLKB | 244 |
| | | | | 00150 | STCIOB:: | .BLKB | 244 |
| | | | | 00244 | CHROUT:: | .BLKB | 4 |
| | | 0000 | | 00248 | TMPSTR:: | .WORD | 0 |
| | 02 | 0E | | 0024A | | .BYTE | 14, 2 |
| | 00000000 | | | 0024C | | .LONG | 0 |
| | | | | 00250 | TXLEN:: | .BLKB | 4 |
| | | | | 00254 | HL N:: | .BLKB | 4 |
| | | | | 00258 | HLCIST:: | .BLKB | 400 |
| | | | | 003E8 | HLDSP:: | .BLKB | 400 |
| | | | | 00578 | MAJOR:: | .BLKB | 4 |
| | | | | 0057C | MINOR:: | .BLKB | 4 |
| | | | | 00580 | PAGEN:: | .BLKB | 16 |
| | | | | 00590 | NXTSTC:: | .BLKB | 4 |
| | | 0008 | | 00594 | RNO_EX:: | .WORD | 8 |
| | 01 | 0E | | 00596 | | .BYTE | 14, 1 |
| | 00000000 | | | 00598 | | .ADDRESS | P.AAA |
| | | 0007 | | 0059C | RNO_FG:: | .WORD | 7 |
| | 01 | 0E | | 0059E | | .BYTE | 14, 1 |
| | 00000000 | | | 005A0 | | .ADDRESS | P.AAB |
| | | 0006 | | 005A4 | RNO_TB:: | .WORD | 6 |
| | 01 | 0E | | 005A6 | | .BYTE | 14, 1 |
| | 00000000 | | | 005A8 | | .ADDRESS | P.AAC |
| | | 0008 | | 005AC | TMS_EX:: | .WORD | 8 |
| | 01 | 0E | | 005AE | | .BYTE | 14, 1 |


```

00000000' 005B0 .ADDRESS P.AAD
0007 005B4 TMS_FG::WORD 7
01 0E 005B6 .BYTE 14, 1
00000000' 005B8 .ADDRESS P.AAE
0006 005BC TMS_TB::WORD 6
01 0E 005BE .BYTE 14, 1
00000000' 005C0 .ADDRESS P.AAF
0000 005C4 PRESTR::WORD 0
02 0E 005C6 .BYTE 14, 2
00000000 005C8 .LONG 0
0000 005CC SFXSTR::WORD 0
02 0E 005CE .BYTE 14, 2
00000000 005D0 .LONG 0
005D4 LP::BLKB 4
005D8 INTLIN::BLKB 4
005DC EXTLIN::BLKB 4
005E0 LINE::BLKB 10000
02CF0 LENPAG::BLKB 4
02CF4 TXTPAG::BLKB 52
02D28 PTRPAG::BLKB 4
02D2C LENSCT::BLKB 4
02D30 TXTSCT::BLKB 152
02DC8 PTRSCT::BLKB 4
02DCC RMARGIN::BLKB 4
02DD0 WRAP::BLKB 4
02DD4 LINE_INDENT::BLKB 4

```

PSECT SUMMARY

| Name | Bytes | Attributes | | | | | |
|-----------|-------|------------|--------|----|---------------|------|-------------------------|
| \$GLOBALS | 11736 | NOVEC, | WRT, | RD | ,NOEXE,NOSHR, | LCL, | REL, CON,NOPIC,ALIGN(2) |
| \$SPLITS | 42 | NOVEC, | NOWRT, | RD | ,NOEXE,NOSHR, | LCL, | REL, CON,NOPIC,ALIGN(2) |

Library Statistics

| File | Symbols | | | Pages Mapped | Processing Time |
|-----------------------------------|----------------|--------|---------|-----------------|--------------------|
| | ----- Total | Loaded | Percent | | |
| _\$255\$DUA28:[SYSLIB]XPORT.L32;1 | 590 | 118 | 20 | 252 | 00:00.1 |

COMMAND QUALIFIERS

GBLDCL
V04-000

GBLDCL - global data declarations

D 16
16-Sep-1984 00:37:05
14-Sep-1984 13:06:29

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]GBLDCL.BLI;1

Page 5
(1)

; BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:GBLDCL/OBJ=OBJ\$:GBLDCL MSRC\$:GBLDCL/UPDATE=(ENHS:GBLDCL)

; Size: 0 code + 11778 data bytes
; Run Time: 00:14.0
; Elapsed Time: 00:30.4
; Lines/CPU Min: 1436
; Lexemes/CPU-Min: 98638
; Memory Used: 85 pages
; Compilation Complete

0341 AH-BT13A-SE
VAX/VMS V4.0

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